

Page 1 of 1

All amounts are calculated in domestic currency.

[illegible]

B I L L O F L A D I N G

No: PEC 903788

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 31Oct14 at 14:36 From PFW
Probill
Via VIM TRAFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-723917- 1 Your PO # 25832
Part # ASTM B 209/AMS 4045 Rel #
ALUMINUM PLATE 7075-T651
2.00" THICK X 7.0000" X 13.3750"

Heat Number Tag No
719782 611377

Quantity PCS Wt LBS
13.00 SFT 20 407

TOTAL: Tags 1 PCS 20 LBS 407

ADD ON TO 723911 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 SKID GW. 430 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

Page: 1Continued

ALUMINIUM • L'ATON • QU' RE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

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2821 LANGSTAFF ROAD
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DART AEROSPACE

B I L L O F L A D I N G

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
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DATE



INSPECTION CERTIFICATE № 14.24459

EN 10204 - 3.1

Consigner: KAMENSK URALSKY METALLURGICAL WORKS 5, Zavodskaya Str., Kamensk Uralsky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 54 17 Fax: (3439) 39 57 11										JOINT STOCK COMPANY	
Consignee: Thyssen Krupp Materials NA						Quantity, pcs: 4				Net Weight, kg.: 2770	
Contract No.: N15237-S P.O. No.: 5400229076-R01 Article No: ALFLR00999 0050						S.O. No.: N15237 Lot No.: 1 Package No.: 640918, 640919					
Description of Goods: Plates						Requirements on the Products:					
Grade of Product			Dimensions, inch/mm			Material conforms to quality of alloy: 7075 T651					
			2.03"X48.5"X144.5" 51.560X1231.9X3670.3			Product conforms to all requirements of: ASTM-B209-10, AMS-QQ-A250/12AMS4045K, This product conforms to European Union RoHS Directive 2002/95/EC <i>ant 14/11/04</i>					
Mechanical Properties											
The Condition of Tested Standards	Lot No.	Cast No.	Quantity smple	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB	
				ksi	ksi	ksi	ksi	ksi	ksi		
				min	max	min	max	min	max		
Required				76.0	-	64.0	-	5.0	-	-	-
-	719782	12-2991	4	80.1	81.4	69.9	73.6	11.0	13.0	-	-
Chemical Composition, %											
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr	
Required	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	-	5.1-6.1	0.2	-	-
Contents	0.07	0.2	1.3	0.04	2.4	0.19	-	5.7	0.05	-	-
Element	Ti+Zr	Na	Tin Sn	Bismuth Bi	Plumbum Pb	Mn+Cr	Ca	Other Elements		Al	
								Each	Total		
Required	-	-	-	-	-	-	-	0.05	0.15	remainder	
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder	
Other Tests											
Method	Macro-structure	Micro-structure	UT	Electro-conductivity	SCF	Contents H2 of metals cm3/100gr	Mercury - Free "Russia is country of melt and manufacture"				
Result	-	ok	-	-	-	-	"No weld repair"				

On behalf:

OAO KUMZ

Date:

27.08.14

Inspector:

N.A. Hmylnina

Inspection Department Engineer

N.V. Alekhina



MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075 TL
 RECEIVED BY: Sonia P
 DATE: 14/10/03
 P/O# 25832 MATERIAL CERT RECEIVED: yes
 QUANTITY ORDERED: 20 billets parts QUANTITY RECEIVED: 20 parts
 THICKNESS ORDERED: 2.00x2.00x13.375 THICKNESS RECEIVED: 2.00x2.00x13.375
 SHEET SIZE: _____ SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
INCORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
INCORRECT MATERIAL	Y <input checked="" type="radio"/> N	
INCORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____	BY: _____
DATE: _____	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

OUTSTANDING PO REPRINT

Purchase Order ID PO25832

Purchase Order Date 9/18/2014

PO Print Date 11/3/2014

Page Number 1 of 2

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX
4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270
ABERD
EEN
HAWKE
SBURY,
ON
K6A
1K7
CANAD
A

B0760

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Vendor Fax	905 738 9033	Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
		FOB	FCA - (Free Carrier)
Ship Method	VENDOR'S TRUCK		
Ship Acct			

Line Nbr	Item ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
1	M7075T6B7.000X2.000	7075-T6 BAR 7.000" X 2.000" (order in billets)	10/31/2014 Yes	23.00 f	\$1,778.00

10/31/2014

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: PLEASE CUT TO SIZE: 20 PCS CUT 13.375" GRAIN DIRECTION ALONG LEGHT

8014-11-3

Line Total:

\$1,778.00

9/23/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

OUTSTANDING PO REPRINT

Purchase Order ID PO25832

Purchase Order Date 9/18/2014

PO Print Date 11/3/2014

Page Number 2 of 2

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX
4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270
ABERD
EEN
HAWKE
SBURY,
ON
K6A
1K7
CANAD
A

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Vendor Fax	905 738 9033	Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
		FOB	FCA – (Free Carrier)
Ship Method	VENDOR'S TRUCK		
Ship Acct			

Line Nbr	Item ID Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
10	71401-45	PROCUREMENT QUALITY CLAUSES	9/26/2014 No	1.00	\$0.00
	Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality documents		9/26/2014		

Line Total: \$0.00

Outstanding PO Total: \$1,778.00

CL

Terms & Condition of
Purchasing(Suppliers) and
Procurement Quality Clauses are an
integral part of our AS9100

Change Nbr: 4

Change Date: 9/23/2014